

AMENDMENTS TO THE CLAIMS

IN THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings, of claims in the subject Patent Application:

Listing of Claims:

1-17. (Canceled).

18. (New) A method of fabricating a metallized fabric comprising the steps of:

- (a) establishing a fiber matrix within a high vacuum space, said fiber matrix including at least one planarly extended open grid layer;
- (b) defining a flow path transversely through said open grid layer of said fiber matrix; and,
- (c) exciting a flow of metal particles along said flow path against said fiber matrix to accumulate a metallic structure thereon, at least a portion of said metal particles attaching to said fiber matrix, said flow of metal particles being excited by a process selected from the group consisting of: gas bombarding, thermal evaporation, plasma induced, or chemical plating processes.

19. (New) The method as recited in Claim 1, wherein said metal particles includes are formed by a combination of materials including at least one metallic

material selected from the group consisting of: copper, nickel, silver, or aluminum.

20. (New) The method as recited in Claim 1, wherein said high vacuum space is maintained under 0.1 torr.

21. (New) The method as recited in Claim 1, wherein said fiber matrix includes a plurality of said open grid layers to form a sandwich structure.

22. (New) The method as recited in Claim 1, wherein said fiber matrix is pretreated, said fiber matrix being thereby polymer sprayed, coated, and pasted to induce secure bonding of said metal particles thereon.

23. (New) The method as recited in Claim 1, wherein said fiber matrix is pretreated by chemical plating for metallization.

24. (New) The method as recited in Claim 1, wherein said fiber matrix is formed of a synthetic fiber material.

25. (New) The method as recited in Claim 1, wherein said fiber matrix is formed of a single spin material.

26. (New) The method as recited in Claim 1, wherein a plurality of said flow paths are defined.

27. (New) The method as recited in Claim 26, wherein said metal particles include at least first and second particle types, said first and second particle types being different in material composition.

28. (New) The method as recited in Claim 1, wherein said metal particles include at least first and second particle types, said first and second particle types being different in material composition.

29. (New) The method as recited in Claim 1, wherein a plurality of said metal particle layers are accumulated upon said fiber matrix.

30. (New) The method as recited in Claim 28, wherein a plurality of said metal particle layers are accumulated upon said fiber matrix, each said metal particle layer including said first and second particle types.

31. (New) The method as recited in Claim 28, wherein a plurality of said metal particle layers are accumulated upon said fiber matrix, each said metal

particle layer including one of said first and second particle types exclusive of the other.

32. (New) The method as recited in Claim 1, wherein said metal particles are separated by gasification and ionization prior to attachment to said fiber matrix, said metal particles each being in composition a compound including at least one metallic component.

33. (New) The method as recited in Claim 1, wherein said metal particles include a ceramic component.